Energy Lesson Map

* Lessons are approximately 45min
* 3-4 lessons per week,
* Lessons are based on 3rd Grade Foss Matter & Energy Investigation 1, TEpgs. 43-84.

\*\*Students are given an introduction to the Energy Unit, which includes a demonstration of the student sample project and rubric. Students are told that they will be gathering photos, information, and ideas throughout the lessons in the Energy Unit, which they will use to create their own project. The students are given clear expectations for the unit and end product.

Day 1

* Intro with Flashlight demo, TEpg. 56-57
* Energy Centers, TEpg. 58-60
  + 10 mins. prepping students by developing/charting “Science Center Guidelines”
  + Approx. 10 mins @ each center
  + 4 centers – TEpg 53; Solar Cell, Tone Generator, Motor, & Candle and Hand Rubbing
  + (For safety reasons the “Candle” part of the center is a video link within One Note.)
  + Students are to use OneNote to capture and record their experiences
  + (Students may only get 2 centers done on day one.)

Day 2

* Review “Science Center Guidelines Chart”
* Continue unfinished centers/ students continue using One Note to record their experiences
* Discuss experiment results (TEpg 59 Chart)
* Energy notes in OneNote
* Introduce Word Bank Part 1 in OneNote
  + Students are to record themselves using each word in a sentence and then type the sentence into the Word Bank Table.
  + Students are to paste an image, drawing, or photo depicting the vocabulary word.

Day 3

* Using FossWeb.com/ca students will read/read-along “Energy Sources” in SEpg62.
* After reading students will complete Energy Sources Activity Sheet in OneNote with a partner.